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NOTE: All periodicals listed below are available in Foreign Documents Branch, CIA.

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<u>Polish Periodicals</u>		
"Skrzydla i Motor" (Wing and Motor)		
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Cards 6-9		No 6
Cards 10-13		No 7
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Cards 15,16		No 9
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Distribution

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Total	120

RESTRICTED	FDB Periodical Abstracts Scientific No 73	RESTRICTED	
POLAND/Aeronautics Pilots, Air Flight Training	Jul 1946	POLAND/Aeronautics Gliders Pilots, Air	Jul 1946
"Aeroclub of Warsaw," Roman Nagorski, $\frac{1}{4}$ p		"On Your Own Road," Capt A. Mankowski, $\frac{3}{4}$ p	
"Skrzydla i Motor" Vol I, No 4		"Skrzydla i Motor" Vol I, No 4	
Reports arrival of four PO-2s at Mokotow which were turned over to Warsaw aeroclub.		Describes various classifications of glider pilots, discusses prewar training, and mentions new system of training, beginning with unified course for instructors given by glider institute at Bielsk.	
FDB	73T1	FDB	73T2
POLAND/Aeronautics Pilots, Air Mechanics, Aeronautical	Jul 1946	POLAND/Aeronautics Glider Flight Training	Jul 1946
"A Second Course for Pilots and Mechanics" $\frac{1}{4}$ p		"Glider WN-27, Trainer," Wladyslaw Niestoj, $1\frac{1}{2}$ pp	
"Skrzydla i Motor" Vol I, No 5		"Skrzydla i Motor" Vol I, No 5	
Gives entrance requirements of second course for pilots and mechanics to be started at Ligotee Dolne.		Gives description and plans for building a model of this glider.	
FDB	73T3	FDB	73T4
POLAND/Aeronautics Airplanes, Military	Jul 1946	POLAND/Aeronautics Gliders Flight Training	Jul 1946
"Technical Exposition of the Polish Air Force," Capt Nagelberg, $\frac{1}{2}$ p		"Gliders Over Mokotow," Ryszard Witkowski, $\frac{1}{2}$ p	
"Skrzydla i Motor" Vol I, No 5		"Skrzydla i Motor" Vol I, No 6	
Reports on technical exposition held in Jun 1946 which was organized by headquarters of Polish Army Air Force. Describes some of exhibits.		Tells of first glider flights from field at Mokotow by air association of engineering students of Wawelberg and Rotwand.	
FDB	73T5	FDB	73T6
POLAND/Aeronautics Airports Airlines	Jul 1946	CZECHOSLOVAKIA/Aeronautics Airplanes, Commercial Airplanes, Specifications	Jul 1946
"Okecie - The Heart of Europe," Kazimierz Gozdziwski, $\frac{2}{3}$ p		"New Czech Tourist Plane 'Sokol M-1'" $\frac{1}{2}$ p	
"Skrzydla i Motor" Vol I, No 6		"Skrzydla i Motor" Vol I, No 6	
Discusses airfield at Okecie, and operation of passenger line using it.		Describes plane and gives some of its specifications.	
FDB	73T7	FDB	73T8

RESTRICTED	FDB Periodical Abstracts Scientific No 73	RESTRICTED	
USSR/Aeronautics Airplanes - Specifications Airplanes "New Russian Plane, LAGG-7" $\frac{1}{4}$ p "Skrzydla i Motor" Vol I, No 6 Constructed by Lavochkin, Gorbunov and Gnolkov. Gives description and some of plane's specification.	Jul 1946	POLAND/Aeronautics Flight Training Pilots, Air "Our Achievements and Obligations," Brig Gen J. Smaga, 1 p "Skrzydla i Motor" Vol I, No 7 Describes formation of officers air school and technical air school. Tells of material aid received from Soviets, use of Soviet instructors, and successful training of first group of pilots and observers. Shows photos of trainees in classroom.	Jul 1946
FDB	73T9	FDB	73T10
USSR/Aeronautics Parachutes - Performance "Romaniuk - Man of Stone" $\frac{1}{4}$ p "Skrzydla i Motor" Vol I, No 7 Discusses parachute training school near Moscow. Relates experience of Vasily Romaniuk who jumped from altitude of 13,108 meters.	Jul 1946	USSR/Aeronautics Meteorological Stations Arctic Studies "Polar Flights" $1\frac{1}{2}$ pp "Skrzydla i Motor" Vol I, No 7 Stresses importance of atmospherics in aviation, and importance of North Pole, mentioning establishment of an automatic meteorological station near North Pole by Soviets. Emphasizes importance of North Pole for extension of air routes. Discusses past flights to Pole, made by Wilkins and Noble.	Jul 1946
FDB	73T11	FDB	73T12
POLAND/Aeronautics Pilots, Air Flight, Training "Rocky Road," Anne Pienkowska, 2/3 p "Skrzydla i Motor" Vol I, No 7 Discusses difficulties encountered before becoming a pilot, including mental and physical examinations.	Jul 1946	POLAND/Aeronautics Pilots, Air Aviation, Military "Great Day" 1 p "Skrzydla i Motor" Vol I, No 8 Describes promotion of more than 200 pilots and observers to officer status by Marshal Zymierski on 24 July. Shows three photos of the Marshal at ceremonies.	Aug 1946
FDB	73T13	FDB	73T14
POLAND/Aeronautics Gliders Parachutes "Laboratory for Air Psychology and Hygiene" $\frac{1}{4}$ p "Skrzydla i Motor" Vol I, No 9 Laboratory will examine candidates for civilian aviation, gliders and parachutists.	Aug 1946	POLAND/Aeronautics Glider Pilots, Air "New Glider Pilots" $\frac{1}{2}$ p "Skrzydla i Motor" Vol I, No 9 A new glider center established in Bodzow near Krakow by government. Tells of first course given at this new base.	Aug 1946
FDB	73T15	FDB	73T16

RESTRICTED	FDB Periodical Abstracts Scientific No 73	RESTRICTED
POLAND/Aeronautics, Military Pilots, Air Flight Training "Acceptance of Applications to the Officers Air School" 1/3 p "Skrzydla i Motor" Vol I, No 10 States that applications to this school are again being accepted. Gives requirements necessary to qualify as applicant as well as a list of necessary documents that must accompany applications.	Aug 1946 <	

RESTRICTED	FDB Periodical Abstracts Scientific No 73	RESTRICTED	
POLAND/Aeronautics Gliders Flight Training "From Our Correspondence" 1 p "Skrzydla i Motor" Vol I, No 14 Discusses rebuilding of Glider School in Tegoborz. Gives location and description of school.	Sep 1946 FDB 73T25	POLAND/Aeronautics Gliders Flight Training "Ligotka Dolna [An Airport]" 2 pp "Skrzydla i Motor" Vol I, No 15 Describes airport which is being used as a school for civilian pilots and mechanics. Discusses life at school, glider, plane, and mechanic training. Shows poor photo of airport.	Sep 1946 FDB 73T26
POLAND/Aeronautics Gliders Aircraft - Construction "News at Home" 1/2 p "Skrzydla i Motor" Vol I, No 15 Building "Salamanders" in Bielsk, first Polish gliders to be constructed in Poland.	Sep 1946 FDB 73T27	POLAND/Aeronautics, Commercial Air Lines Airports "Preparing the Air Lines 'Lot' for Winter" 1/4 p "Skrzydla i Motor" Vol I, No 16 Discusses building of special hangars and buildings to house planes and equipment. Mentions special clothing as well as equipment for winter flying.	Oct 1946 FDB 73T28
USSR/Aeronautics Airplanes, Commercial "News from Abroad" 1/2 p "Skrzydla i Motor" Vol I, No 16 Discusses planes used for pest control on farms in Ukraine, Belorussia, and Kazakstan.	Oct 1946 FDB 73T29	POLAND/Aeronautics Radio Telegraph - Keyers Flight Training "Radio-Telegraphers" 1 p "Skrzydla i Motor" Vol I, No 16 Describes life of radio-telegraphers during maneuvers.	Oct 1946 FDB 73T30
POLAND/Aeronautics Engines, Aircraft Engines, Diesel "Plane Engines," Marian Schulz, 2 pp "Skrzydla i Motor" Vol I, No 16 Explains operation of a Diesel engine, its finer points and disadvantages for aviation. Compares diesel engine with other types.	Oct 1946 FDB 73T31	USSR/Aeronautics Helicopters Helicopters - Design "Helicopters," Lt Alfred Windholz, 2 1/2 pp "Skrzydla i Motor" Vol I, No 17 Presents information about helicopters. Mentions Russian designer Bratuchin. Gives photo of his twin-engine helicopter.	Oct 1946 FDB 73T32

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SWEDEN/Aeronautics Airlines Airways		Oct 1946	POLAND/Aeronautics Airplanes - Design Landing Gear, Tricycle		Oct 1946
"Swedish Air Lines" 2 pp			"SZPAK-3" 2½ pp		
"Skrzydla i Motor" Vol I, No 17			"Skrzydla i Motor" Vol I, No 18		
Announces opening of air lines between Sweden and Poland. Gives short history of Swedish Air Line (ABA) and its rapid expansion after war.			SZPAK-3, first Polish plane with a tricycle landing gear. Gives drawing and specifications. Mentions difficulties in production of SZPAK-2 and sceptical attitude with which it was greeted. Other planes of same type are under construction: SZPAK-3, SZPAK-4, and SZPAK-4 T. Describes these last three models. Mentions designer Sulkowski and a new training plane ZAK-1.		
FDB		73T33	FDB		73T34
GERMANY/Aeronautics Airplanes - Specifications Jet Engines, Turbojet		Oct 1946	POLAND/Aeronautics Flight Training Pilots, Air		Oct 1946
"Last of the Mohicans," Witold Berlikowski, 1 p			"Air League" 1/3 p		
"Skrzydla i Motor" Vol I, No 18			Skrzydla i Motor" Vol I, No 18		
Discusses German fighter plane HE-162, its history, specifications, and armament. A turbojet plane.			Discusses creation of Air League and a temporary central committee. Gives names of officers and members.		
FDB		73T35	FDB		73T36
POLAND/Aeronautics Flight Training Parachutes		Oct 1946	POLAND/Aeronautics Gliders Airplane - Specifications		Nov 1946
"First Plan of the Air League" ½ p			"Model Glider 'JUR'" 2 pp		
"Skrzydla i Motor" Vol I, No 19			"Skrzydla i Motor" Vol I, No 20		
Air League plans to set up supply centers for model plane builders, publishing basic hand books on planes and parachutes by Mokrzycki and Powalejew. Plan to have a course for instructors who will be used to supervise youth training.			Presents diagrammatic sketches and plans, with specifications of flying model "JUR."		
FDB		73T37	FDB		73T38
USSR/Aeronautics Airport Airlines		Nov 1946	USSR/Aeronautics Airplanes - Construction Airplanes		Nov 1946
"Vnukovo Central Russian Air Port" 2 pp			"New Planes by Yakovlev" ½ p		
"Skrzydla i Motor" Vol I, No 21			"Skrzydla i Motor" Vol I, No 21		
Very brief description of airport near Moscow, Russian Airlines Airoflot and operation of field. Shows photos of planes on field and a few installations.			Gives data on two new planes, YAK-8 and YAK-14.		
FDB		73T39	FDB		73T40

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POLAND/Aeronautics, Military Airports	Nov 1946	POLAND/Aeronautics Flight Training Pilots, Air	Nov 1946
"Technical Air Officer - Arkady Fiedler 303 Division" 1/3 p		"Boernerowo--Technical Air Officers School" 1 1/2 p	
"Skrzydla 1 Motor" Vol I, No 22		"Skrzydla 1 Motor" Vol I, No 22	
Stresses importance of work of ground crews.		Gives brief description and short history of school located in suburbs of Warsaw.	
FDB	73T41	FDB	73T42
POLAND/Aeronautics Engines, Aircraft	Nov 1946	POLAND/Aeronautics Flight Training Gliders	Nov 1946
"Air Factories Begin Work" 1/2 p		"Aero Club of Katowice" 1/3 p	
"Skrzydla 1 Motor" Vol I, No 22		"Skrzydla 1 Motor" Vol I, No 22	
Factory in Psim Pola near Wroclaw (Breslau) has started to produce plane engines, with great possibilities of expansion in future. Up to this time only nationalized factory a Jelena Gora had been producing aviation parts.		Gives details of meeting of club. Plans for winter training in planes and gliders.	
FDB	73T43	FDB	73T44
POLAND/Aeronautics Airplanes	Nov 1947	POLAND/Aeronautics Airplanes, Trainer Airplanes, Transport	Nov 1947
"Airplane Repair in Workshops I. S. imeni Stalin" 1/4 p		"New Airplane Models in the Workshop" 1/4 p	
"Skrzydla 1 Motor" Vol II, No 44 (72)		"Skrzydla 1 Motor" Vol II, No 44 (72)	
Discusses repair of five PO-2 and seven Piper Cub planes at workshop in Bielsk.		Short article discusses operations at Central Airplane College (Centralne Studium Samolotow) headed by Engineer Misztal. At present, models under construction are: CSS-11 two seater trainer; and CSS-12, ten-passenger transport equipped with twin 12-cylinder engines.	
FDB	73T45	FDB	73T46
POLAND/Aeronautics Engineering, Aeronautical Training, Aeronautical	Nov 1947	POLAND/Aeronautics Airplanes, Amphibious Airplane - Construction	Nov 1947
"Promotions in Aircraft Technical School" 1/4 p		"Manufacture of the Amphibious Model 'Pegaz'" 1/4 p	
"Skrzydla 1 Motor" Vol II, No 44 (72)		"Skrzydla 1 Motor" Vol II, No 44 (72)	
Gives short account of promotions in Aircraft Technical School which took place in Warsaw 26 Oct 1947. First Vice-minister of National Defense, Gen of the Division, Spsychalski was present.		Amphibious model Pegaz, designed by Engr Chylinski, with engine by Engr Gajewski is expected to be completed in Warsaw by the end of 1948.	
FDB	73T47	FDB	73T48

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USSR/Aeronautics Jet Engines Airplane - Design "Soviet <u>Jet</u> Planes" 1/3 p "Skrzydla i Motor" Vol II, No 44 (72) Jet fighter plane demonstrated at 1 May show in Moscow, designed by S. A. Lavochkin who also designed La-5 and La-7 in last war. Gives short description and following data: wing spread 12.19 meters, length 10.67 meters, speed 805 km per hour. Presents two sketches of plane.	Nov 1947	USSR/Aeronautics Balloons Parachutes "Alone in the Stratosphere" 2 pp "Skrzydla i Motor" Vol II, No 44 (72) General description of balloon ascents. Mentions several world's records of Soviet parachutists.	Nov 1947
FDB	73T49	FDB	73T50
USSR/Aeronautics Airways Pilots, Air "Yesterday-Battle, Today-Work" 2 pp "Skrzydla i Motor" Vol II, No 44 (72) Mentions delivery of mail and packages to villages situated in high mountains by mail planes, PO-2. Three photos. Also shows Gen Pilot Blagovieshchanskiy, and mentions three women pilots.	Nov 1947	POLAND/ Aeronautics, Military Pilots, Air Flight Training "Second Lieutenants in the Air Corps," Lt Kazimierz Gozdziwski, 2 pp "Skrzydla i Motor" Vol II, No 45 (73) Commissioning of students at Air Technical School for officers by Gen Marian Spychalski. Gives short description of school and story of one of candidates.	Nov 1947
FDB	73T51	FDB	73T52
POLAND/Aeronautics Navigation, Aerial Airports "Lectures in the Air Corps Law Institute" $\frac{1}{4}$ p "Skrzydla i Motor" Vol II, No 45 (73) List of lectures and subjects given at Air Corps Law Institute between 6 Nov and 13 Dec 1947, as follows: 6 hours - Air Corps Economic Problems, by Prof S. Zaleski; 8 hours - International Law of Aerial Navigation, by Prof C. Berezowski; 6 hours - Contemporary Politics of Air Transportation, by Engr J. Madejczyk; 4 hours - Aerodrome Organization,	Nov 1947	POLAND/Aeronautics, Military Airplanes, Military Weapons "Arms In A Modern Plane," Rudolf Urlich, $1\frac{1}{2}$ p "Skrzydla i Motor" Vol II, No 47 (75) Discusses early armament of planes and gradual development of special weapons for aircraft. Discusses location of various weapons, including cannons and rockets.	Nov 1947
FDB	73T53	FDB	73T54
POLAND/Aeronautics (Contd) by Prin J. Osinski; 8 hours - Air Corps Civil Law, Part I, by Prof K. Przybylowski; 8 hours - Aerial Navigation Based on Nautical Navigation, by Dr Zaorski.	Nov 1947	USSR/Aeronautics, Military Airplanes, Bombers Jet Engines "Jet Bomber Tactics" $1\frac{1}{2}$ p "Skrzydla i Motor" Vol II, No 47 (75) Uses foreign sources. Author simulates jet bomber operations in presenting his article. States that in Russian jet bombers, fuel makes up 25-30% of weight of plane in flight. Mentions work by Russians on collapsible or elastic type of gas tanks to take advantage of all available plane space, and need for large air bases for this type of plane. Gives other basic characteristics of jet bombers.	Nov 1947
FDB	73T53	FDB	73T55

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USSR/Aeronautics Balloons Gliders	Dec 1947	POLAND/Aeronautics Pilots, Air Flight Training	Dec 1947
"New Air Records," Rajmund Szubanski, 1 p		"School for Air Men," Jerzy Konieczny, 2 pp	
"Skrzydla i Motor" Vol II, No 48 (76)		"Skrzydla i Motor" Vol II, No 48 (76)	
Reports new air records made by Russians in FAI competitions at Geneva. Boris Nevernov, in balloon, reached new altitude of 7,097.5 meters. Nevernov and Gaygerov, made longest flight in balloon, 68 hours and 20 minutes. E. Prokhorov reached an altitude of 3,385 meters in a glider. Russians also made a new record with model planes.		Describes life at officers air school. Names some of instructors. States all activities are planned, little time is wasted.	
FDB	73T56	FDB	73T57
POLAND/Aeronautics, Military Flight Training Airplanes, Trainer	Dec 1947	POLAND/Aeronautics Airplanes - Construction	Dec 1947
"UT-2 (Training Plane)," A. Mankowski, 1½ pp		"Courses for Leaders in Airplane Construction" ¼ p	
"Skrzydla i Motor" Vol II, No 48 (76)		"Skrzydla i Motor" Vol II, No 49 (77)	
Explains need for training planes before going to advanced fighters. Discusses training with UT-2. Explains difficulties of beginning to train on fast fighter planes.		Directors of District Air Corps League in Katowice are preparing courses for leaders in aircraft model construction. Courses to take place in Zabrze, Bytomiu, Strzelcach and Sosnowiec. No dates given.	
FDB	73T58	FDB	73T59
POLAND/Aeronautics Flight Training Parachutes	Dec 1947	POLAND/Aeronautics, Military Flight Training Parachutes	Dec 1947
"Parachutists of the Air League" 1 p		"Parachutists of the Air Corps" 1 p	
"Skrzydla i Motor" Vol II, No 50-52 (78-80)		"Skrzydla i Motor" Vol II, No 50-52 (78-80)	
One of functions of Air League is training of parachutists. Gives names of four of Air League parachutists with very brief history of each.		Parachuting has become a regular part of training. Gives names of four of best army parachutists with very brief history of each.	
FDB	73T60	FDB	73T61
USSR/Aeronautics Airplanes, Bomber Airplanes, Transport	Dec 1947	CZECHOSLOVAKIA/Aeronautics, Military Airplanes, Fighter Airplanes, Jet Propelled	Dec 1947
"Russian Planes" 1 p		"Czechoslovakian Jet Planes" 1 p	
"Skrzydla i Motor" Vol II, No 50-52 (78-80)		"Skrzydla i Motor" Vol II, No 50-52 (78-80)	
Medium Bomber TV-2, constructed by Tupolev. Gives some of specifications of plane. Transport Plane SECH-2, designed by Shcherbakov. Gives some of specifications of plane.		Fighter AV-52, can also be used as a light bomber. Gives a brief description of plane. Mail Plane L-115, "Delfin," constructed by Letov Plant for use by airlines. Brief description of plane	
FDB	73T62	FDB	73T63

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POLAND/Aeronautics Pilot Air Training, Aviation "How To Become a Pilot" 2 pp "Skrzydla i Motor" Vol III, No 10 (90) Discusses aviation training. Gives age and educational requirements for various schools.	Mar 1948	POLAND/Aeronautics Training, Aviation "Quick Start and High Altitude," Maj Janusz Przymanowski, 1 p "Skrzydla i Motor" Vol III, No 10 (90) Explains that Sluzba Polsce (Service for Poland) will make it possible for poorer groups among youth to participate actively in aviation. Mentions free educational opportunities that will be sponsored by this organization.	Mar 1948
FDB	73T64	FDB	73T65
POLAND/Aeronautics Gliders - Stability Gliders - Aeronautics "Theoretical Glider Course, Vol II," Capt Antoni Mankowski, 1 p "Skrzydla i Motor" Vol III, No 10 (90) General discussion of equilibrium in glider flights. Discusses weight distribution.	Mar 1948	POLAND/Aeronautics Model Construction "Air League" 1 p "Skrzydla i Motor" Vol III, No 10 (90) Air League has established a store in Warsaw for model plane builders, and will furnish, at reasonable prices, all supplies needed.	Mar 1948
FDB	73T66	FDB	73T67
POLAND/Aeronautics Airplanes, Trainer Airplanes - Specifications "Junak," Jerzy Zarebski, 2/3 p "Skrzydla i Motor" Vol III, No 11 (91) Describes new Polish plane, "Junak" - trainer, being built in Lodz, constructed by Soltyk. Gives some of specifications.	Mar 1948	POLAND/Aeronautics Gliders - Aerodynamics Gliders "Theoretical Glider Course," Capt Antoni Mankowski, 1 p "Skrzydla i Motor" Vol III, No 11 (91) General discussion of action of rudders, their operation in flight.	Mar 1948
FDB	73T68	FDB	73T69
POLAND/Aeronautics Pilots, Air Training, Aviation "How to Become a Pilot" 1 1/2 p "Skrzydla i Motor" Vol III, No 11 (91) States the requirements for entrance into glider, mechanic, and plane schools operated by Sluzba Polsce (Service for Poland). Lists documents that must be forwarded with all applications.	Mar 1948	POLAND/Aeronautics Gliders Training, Aviation "Theoretical Course In Glider Flying," Capt Antoni Mankowski, 1 p "Skrzydla i Motor" Vol III, No 15 (95) Discusses training gliders, and presents a general discussion of mechanics of flight.	Apr 1948
FDB	73T70	FDB	73T71

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POLAND/Aeronautics Gliders Training, Aviation "Preparation Before The First Flight," Jerzy Znamie-rowski, 1 p "Skrzydla i Motor" Vol III, No 18 (98) Describes training at various glider schools at Zakopane, Fordon, Lisie Katy. Discusses an in-structors glider course given at Zakopane under Wlodzimierz Humen.	Apr 1948	USSR/Aeronautics, Military Airplanes, - Construction Airplanes, Military "Planes of the USSR," Andrzej Samek, 2 pp "Skrzydla i Motor" Vol III, No 18 (98) Gives short history of Red Air Force and plane building in USSR. Discusses Russian Air Force at beginning of last war. Describes three of their popular models at that time I-15, I-153, and I-16 "Rata."	Apr 1948
FDB	73T72	FDB	73T73
POLAND/Aeronautics Airplanes, Trainer Airplanes - Specifications "Junak" 1 p "Skrzydla i Motor" Vol III, No 20 (100) Describes test of Polish plane "Junak," a trainer at Warsaw. Test pilot was Antoni Szymanski.	May 1948	POLAND/Aeronautics, Military Airplanes, Fighter Pilots, Air "The Marshal With the Fighters 'Warszawy'" 2 pp "Skrzydla i Motor" Vol III, No 20 (100) Simulated battle conditions as a demonstration for Marshal Zymierski's arrival and inspection of fighter squadron "Warszawa."	May 1948
FDB	73T74	FDB	73T75
USSR/Aeronautics, Military Airplanes, Military "Planes of the USSR," Andrzej Samek, 1½ p "Skrzydla i Motor" Vol III, No 20 (100) Discusses and describes two prewar planes and one wartime plane of the USSR, DI-6, R-5, and R-10.	May 1948	POLAND/Aeronautics Gliders - Performance Gliders "A New Record" 1 p "Skrzydla i Motor" Vol III, No 21 (101) New Polish glider record established; duration of flight, 11 hours and 54 minutes. Pilots were Edward Adamski and Boleslaw Kochanowski.	May 1948
FDB	73T76	FDB	73T77
POLAND/Aeronautics Gliders - Performance Gliders "Mucha" 1 p "Skrzydla i Motor" Vol III, No 21 (101) A new glider, first used at Aleksandrowice by Piotr Mynarski, is 3d postwar Polish glider. Gives a very brief description of glider and its capabilities.	May 1948	USSR/Aeronautics Airplanes, Transport Airplanes - Specifications "USSR Aeroplanes on Poznan's Markets," Capt Antoni Mankowski, 2 pp "Skrzydla i Motor" Vol III, No 22 (102) Annual fair held at Poznan. USSR, only foreign country to have a plane exhibit, showed PO-2, and YAK-18, a new plane of Yakovlev. Describes YAK-18, giving some of its specification. Also describes IL-12 a large transport plane.	May 1948
FDB	73T78	FDB	73T79

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USSR/Aeronautics, Military Airplanes, Bomber Airplanes - Specifications "Planes of the USSR," Andrezej Samek, 1 p "Skrzydla i Motor" Vol III, No 22 (102) Gives some specifications of bomber GAGI-25. Describes briefly light bomber YAK-4, giving some of its specifications.	May 1948	CZECHOSLOVAKIA/Aeronautics Model Construction Airplanes "Czechoslovakian Model Building" 1 p "Skrzydla i Motor" Vol III, No 22 (102) Explains interest of Czech government in model plane building. Mentions type of models usually constructed and materials used.	May 1948
FDB	73T80	FDB	73T81
USSR/Aeronautics, Military Airplanes, Dive Bomber "The PE-2 Fights" 3/4 p "Skrzydla i Motor" Vol III, No 23 (103) Quotes extract from A. Volkov's "Planes in Battle." PE-2, Russian dive bomber, designed by Petlakov, is equipped with an automatic device to take it out of a dive. Discusses use of this plane during war.	Jun 1946	POLAND/Aeronautics Gliders Airports "Zar (Glider Field) in the Sun," A. Winecki, 2 pp "Skrzydla i Motor" Vol III, No 23 (103) Zar is a new glider field built after the war. Gives description of area, including hill on which field and school are located. National glider contest to take place here. Adam Dziurzinski is director of the school.	Jun 1948
FDB	73T82	FDB	73T83
POLAND/Aeronautics Gliders Instruments, Aeronautical "Theoretical Glider Course," Antoni Mankowski, 1 p "Skrzydla i Motor" Vol III, No 23 (103) General discussion of speedometer, gyroscopes, and measurements of turns.	Jun 1948	USSR/Aeronautics Airplanes - Specifications Airplanes - Construction "Russian Planes," Andrzej Samek, 1 1/4 p "Skrzydla i Motor" Vol III, No 23 (103) Describes two Russian planes and gives some of their specifications: SB-2 (prewar) and PE-2, constructed by Petlakov.	Jun 1948
FDB	73T84	FDB	73T85
POLAND/Aeronautics Airplanes, Fighter Airplanes, Pusher "Ducks," Ryszard Witkowski, 3 pp "Skrzydla i Motor" Vol III, No 23 (103) Sketches of Rohr MO-1 Stefanutti Duck, "Shinden" fighter, Focke-Wulf and the Soviet "MiG." Comments on possibilities of so-called "Duck" which apparently is a plane with normal wing and tail positions reversed (pusher type). Work in Russia begun on a new model plane, Mc-6. A new Polish duck-glider will appear shortly.	Jun 1948	POLAND/Aeronautics Gliders "Second Report From Zar Glider School" 2 pp "Skrzydla i Motor" Vol III, No 26 (106) Gives report on national glider competitions held at Zar. Describes events that took place on 12, 13, 14, 18, 19 June. Names leaders in competition.	Jun 1948
FDB	73T86	FDB	73T87

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<p>USSR/Aeronautics, Military Airplanes, Bomber Airplanes, Dive Bomber</p> <p>"Planes of the USSR," Andrew Samek, 1 p</p> <p>"Skrzydla i Motor" Vol III, No 26 (106)</p> <p>Describes medium bomber SB-3, a development of SB-2. Designed by Tupolev. Gives picture, diagrams and some of the specifications.</p> <p>Describes dive bomber AR-2. Gives picture, diagrams and some of specifications.</p> <p>FDB 73T88</p>	<p>USSR/Aeronautics Airplanes Model Construction</p> <p>"Twenty-five Years of Model Plane Building in the USSR," by Nikolay Babayev, Chief, Cen Model Plane Lab USSR, $\frac{1}{2}$ p</p> <p>"Skrzydla i Motor" Vol III, No 26 (106)</p> <p>Mentions model plane records made by Malika, Lubushkin and Davidov. It is 25th anniversary of model-plane building in USSR. Yakovlev and Gromov started in this group. Gives brief description of activities in recent years.</p> <p>FDB 73T89</p>
<p>USSR/Engineering Jet Propulsion Rocket Motors</p> <p>"History of Jet Propulsion," Kazimierz Kamienobrodzki, 1 p</p> <p>"Skrzydla i Motor" Vol I, No 4</p> <p>Gives resume of early work done on jet and rocket engines. Mentions the Russian, Grokhov.</p> <p>FDB 73T90</p>	<p>POLAND/Engineering Jet Engines - Compression Jet Engines - Design</p> <p>"Jumo 004 in the Aircraft Technical Institute" $\frac{1}{2}$ p</p> <p>"Skrzydla i Motor" Vol II, No 44 (72)</p> <p>Discusses assembling of Jet Engine Jumo 004, with a four-stage compressor. The compressor is run by a "Jumo 205 C" engine.</p> <p>FDB 73T91</p>
<p>USSR/Engineering Jet Engines</p> <p>"Jet Engines," Rudolf Urich, 2 pp</p> <p>"Skrzydla i Motor" Vol II, No 50-52 (78-80)</p> <p>An elementary and general discussion of jet engines. Refers to work of Russian author Primenko "Reativnyye Dvigatel' Ikhravzviye i Primeneniye". (Jet Engines, Their Development and Use).</p> <p>FDB 73T92</p>	<p>USSR/Geography Volcanology</p> <p>"News from Abroad" 1 p</p> <p>"Skrzydla i Motor" Vol I, No 12-13</p> <p>Air Expedition to Kamchatka sponsored by Academy of Science, USSR. Expedition will study action of volcanoes.</p> <p>FDB 73T93</p>
<p>POLAND/Geophysics Atmosphere - Measurements</p> <p>"About High Altitude Flights," Dr Ferr, 1 p</p> <p>"Skrzydla i Motor" Vol III, No 21 (101)</p> <p>Elementary discussion of atmospheric pressure. Discusses composition of air, its changes and effects on human body.</p> <p>FDB 73T94</p>	<p>POLAND/Medicine - Flight Aeronautics</p> <p>"Air Medicine," Dr Ferr, 1 p</p> <p>"Skrzydla i Motor" Vol I, No 21</p> <p>Discusses harm to human body caused by flying. Discusses effects of variation in atmospheric pressure, speeds, turns, and temperature.</p> <p>FDB 73T95</p>

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FDB Periodical Abstracts Scientific No 73

~~RESTRICTED~~POLAND/Nuclear Physics - Bombs, Atomic Jul 1946
Nuclear Physics - Bombing, Atomic

"Strategy of the Atom Bomb" 1/3 p

"Skrzydla i Motor" Vol I, No 5

Quotations from American press on experiments with atom bomb at Bikini.

INTERNATIONAL/Nuclear Physics - Atomic Oct 1946
PowerAeronautics
Aircraft Engines

"Atomic Engines for Planes" 1/4 p

"Skrzydla i Motor" Vol I, No 16

Discusses work of US and British designers in construction of atomic engines.

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POLAND/Radio

Nov 1946

Radio - Telegraphy
Radio - Training Devices

"Radio Air School," Cpl Jerzy Konieczny, 1 p

"Skrzydla i Motor" Vol I, No 21

Description of Radio School at Helenow. Describes classroom instruction in telegraphy; use of Russian, American and English equipment. Student must be able to repair as well as operate equipment.

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List of Abbreviations
used in FDB Periodical Abstracts

ID	Intelligence Division Library
AMC	Air Documents Division, Air Materiel Command
ST	Reference Division, State Department
BM	Bureau of Mines, Department of Interior
BS	National Bureau of Standards
SI	Smithsonian Institution
LC	Library of Congress
FDB	Foreign Documents Branch, CIA
COM	Department of Commerce
AF	A-2 Library, USAF

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